

Title (en)
Improved oscillating hand tool

Title (de)
Verbessertes oszillierendes Handwerkzeug

Title (fr)
Outil vibrant portatif perfectionné

Publication
EP 0694365 B2 20001115 (EN)

Application
EP 95304671 A 19950704

Priority
GB 9415011 A 19940726

Abstract (en)
[origin: EP0694365A1] A dual function powered oscillating hand tool comprises (i) a drive unit (5) having an electric motor and a drive shaft (7); (ii) a bearing (15) mounted on the drive shaft (7) and located radially eccentrically relative to the drive shaft (7); (iii) a second drive shaft (14) mounted on the eccentric bearing (15) and (iv) means (13) for mounting a sanding head (20,21) on the second drive shaft (14). The sanding head (20,21) may comprise a sanding platen (21) for random orbit sanding or a sanding shoe (20) for orbital sanding and the tool further comprises means selectively engageable to restrict the random orbit of the sanding shoe (20) to a regular orbit. <MATH>

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B24B 23/03; **B24B 23/04**

IPC 8 full level
B24B 23/03 (2006.01); **B24B 23/04** (2006.01)

CPC (source: EP US)
B24B 23/03 (2013.01 - EP US); **B24B 23/04** (2013.01 - EP US)

Cited by
WO0029170A1; NL1030176C2; US6110028A; GB2380151A; GB2380151B; GB2359266A; GB2359266B; GB2450582A; GB2450582B; GB2377662A; GB2377662B; EP3736084A1; CN111906657A; US7736216B2; US6780094B2; WO2007043871A1; EP3693132A1; EP3646987A1; EP3656503A1

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CH DE ES FR GB IT LI NL

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